marantz®

THE RANGE 2009-2010

because music matters

emotion

Feel it. With high end audio - inside and outside the box.

INTENSE EMOTIONAL PLEASURE

Sit back, relax, and prepare to be seduced. You are about to experience the new Marantz Range – a collection of exquisite audio-visual components designed, developed, and manufactured to give you the ultimate in listening and viewing pleasure. This year there's more emotion, more exhilaration, and more inspiration than ever.
For example, all products come in the stylish M1 Reference Standard design. The new receivers come with the very latest surround sound technology: Dolby Pro Logic IIz. There's also a new super-slim home entertainment receiver. And, as a perfect companion, Marantz introduces no less than four brand new Blu-ray players, the top two models of which are 'universal disc players' offering the finest quality audio from SACDs. And as you would expect from Marantz there are plenty of new, exciting stereo products too. Intense emotion has never been so pleasurable.

CONTENTS

AV RECEIVERS	4
AV SEPERATES	10
BLU-RAY & DVD PLAYERS	12
STEREO COMPONENTS	18
INTEGRATED AMPLIFIERS, SACD PLAYERS, CD PLAYERS, TUNER, CD CHANGER	
RECEIVER, TURNTABLE	26
SYSTEMS	30
IPOD DOCK	32
UNIVERSAL REMOTE	34
TECHNICAL DATA	36

AV RECEIVERS TO MAKE YOU PART OF THE FILM

Today's Home Cinema experience creates a more real, more tangible, and more absorbing experience than ever before. With superb audio and video quality and multichannel surround sound you can literally 'live and feel' the action, and become part of the movie itself - all from your own living room. It's an experience that's simply irresistible.

Now, the new Dolby Pro Logic IIz standard makes it even more compelling with an entirely new dimension: front, high speakers create an over-your-head experience so you can hear rain falling or a helicopter crossing the room, for example. There's also a new M-XPort connector and the exceedingly elegant NR1501 receiver.

ELEGANCE WITH A PUNCH

Every audiophile wants an AV Receiver in their living room that's got loads of connectivity as well as the best ear-cracking sound reproduction. But some people (or their partners) just don't want such a big box in their living room. That's why Marantz has developed the first super-slim AV receiver to which you can simultaneously connect your satellite box, BD/DVD player, game console and camcorder, and can give you exceptional quality sound reproduction. Introducing the NR1501 – elegance with a punch.

marantz

NR1501

SLIM DESIGN AV RECEIVER

All the performance, all the convenience, and all the versatility you've come to expect from the larger Marantz AV Receivers - but this time in a highly elegant, super-slim cabinet that's just 10.5cm high, to perfectly complement your DVD or Blu-ray player. The NR1501 has on-board decoders for both standard and high definition audio such as DTS-HD and TrueHD, it also effortlessly converts analogue video signals to HDMI. Its four HDMI 1.3a inputs handle a host of digital sources, so you can easily hook-up your satellite box, BD/DVD player, game console and camcorder all at the same time. And there is just one HDMI cable connected to your screen. What's more, you don't need to spend time selecting the correct input on your TV - the NR1501 does it all for you. Fans of portable media players like iPods will love the front audio input for easy connection. The loudspeaker set-up can be as simple as a stereo system or (when front speakers are not powerful enough) a 2.1 with additional subwoofer for the bass and special effects. You can even extend it to a 5.1 or even 7.1 system, filling the room with spectacular surround sound and converting your living room into a sensational cinema. What's more, the OSD menu and MRAC auto set-up using a microphone makes installation fast and easy - even for non-technical users. Just enjoy the fabulous sound and the elegant appearance: the NR1501 has it all.

marantz

SR5004

AV RECEIVER

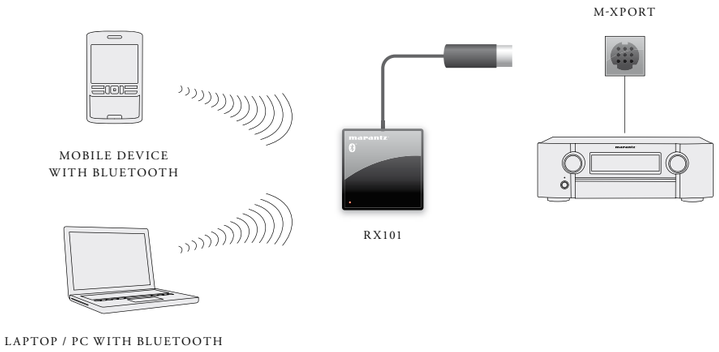
The SR5004 provides 7 x 100W current feedback power and comes with decoders for the new Dolby PLIIz standard as well as Dolby TrueHD and DTS HD Master Audio. It gives you HDMI 1.3a inputs with Deep Color support and offers i-Chip video processing for up-scaling to HDMI 1080p. It easily handles the most demanding scenes in action films, as well as offering excellent quality music playback from Blu-ray, DVD, CD or via Bluetooth with the optional RX101 connected to the M-XPort. Compressed audio will sound clearer and more detailed thanks to M-DAX, while a host of other features such as Audyssey MultiEQ and Dynamic Volume, multiroom with multi-source flexibility, and video off mode ensure you will experience your movies and music in true dynamic Marantz style.

marantz

M-XPORT

MARANTZ EXTENSION PORT

The Marantz eXtension Port is a dedicated 9-pin connector on the rear-side of a product. This port can be used for a wide variety of applications by connecting a dedicated device such as a network client, DAB tuner module, iPod dock, or others. Today there is the RX101 Bluetooth receiver. Further devices will follow.



marantz

SR6004

AV RECEIVER

The 7 x 110W SR6004 with customized main capacitors is versatile... very versatile! Firstly, it has the latest audio format Dolby Pro Logic IIz for the new, highly-experiential overhead front sound projection. Set up is handled automatically by Audyssey, which even corrects the room acoustic with a built-in equalizer. In addition, four HDMI inputs offer connectivity for digital sources, which are then delivered via the two selectable HDMI outputs. And of course, multiroom applications are also possible. The USB input on the front panel supports iPod (digital), with the M-DAX guaranteeing great sound from compressed audio. But it doesn't stop there, the SR6004 comes with a Bluetooth receiver that you can connect to the M-XPort on the rear panel. This means you can enjoy your mobile music library on your main system. Now that's versatility in the extreme.

marantz

RX101

BLUETOOTH MODULE

Now you can wirelessly send data stored on mobile devices such as the iPhone or on PC systems supporting the Bluetooth standard A2DP, directly to your Marantz product – thanks to the new RX101 Bluetooth Module. It simply connects to the M-XPort and directs the signal to the AV Receiver or Amplifier. And since the M-XPort (Marantz eXtension Port) also powers the module no additional power adaptor is required.

AV8003

MULTICHANNEL AV PRE-AMPLIFIER

This THX Ultra2-certified networking pre-amp/processor will maximise your source signals with absolute clarity and transparency. Whatever the source – Blu-ray, DVD, CD and even the AV files from your PC and external storage streamed via the network. That's because it is DLNA-certified. It decodes every format up to THX-EX, DTS-HD Master Audio and Dolby True HD and of course it supports Deep Color and 24fps via four HDMI 1.3a inputs and two outputs. Legacy designs get the HD treatment too, via video processing technology VRS from Anchor Bay with scaling up to 1080p. For total connectivity and flexibility, the AV8003 features eight balanced outputs for ultra-low noise connection to the power amp, and two balanced inputs to connect a high-end CD source. The power supply incorporates a Toroidal transformer and copper-plated chassis to minimise interference. For total control, the system comes with a programmable, backlit LCD remote controller, as well as an additional handset supporting multiroom capability.

NETWORK GRAPHIC USER INTERFACE

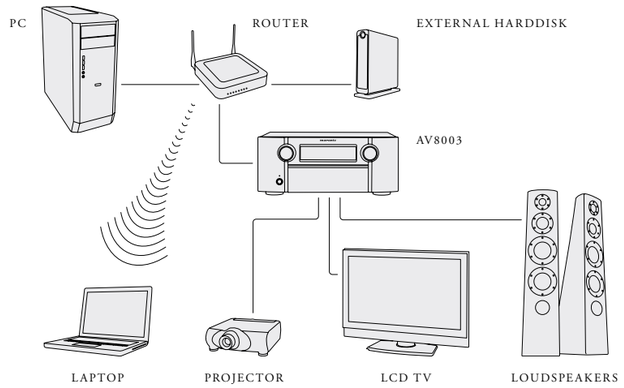
MM8003

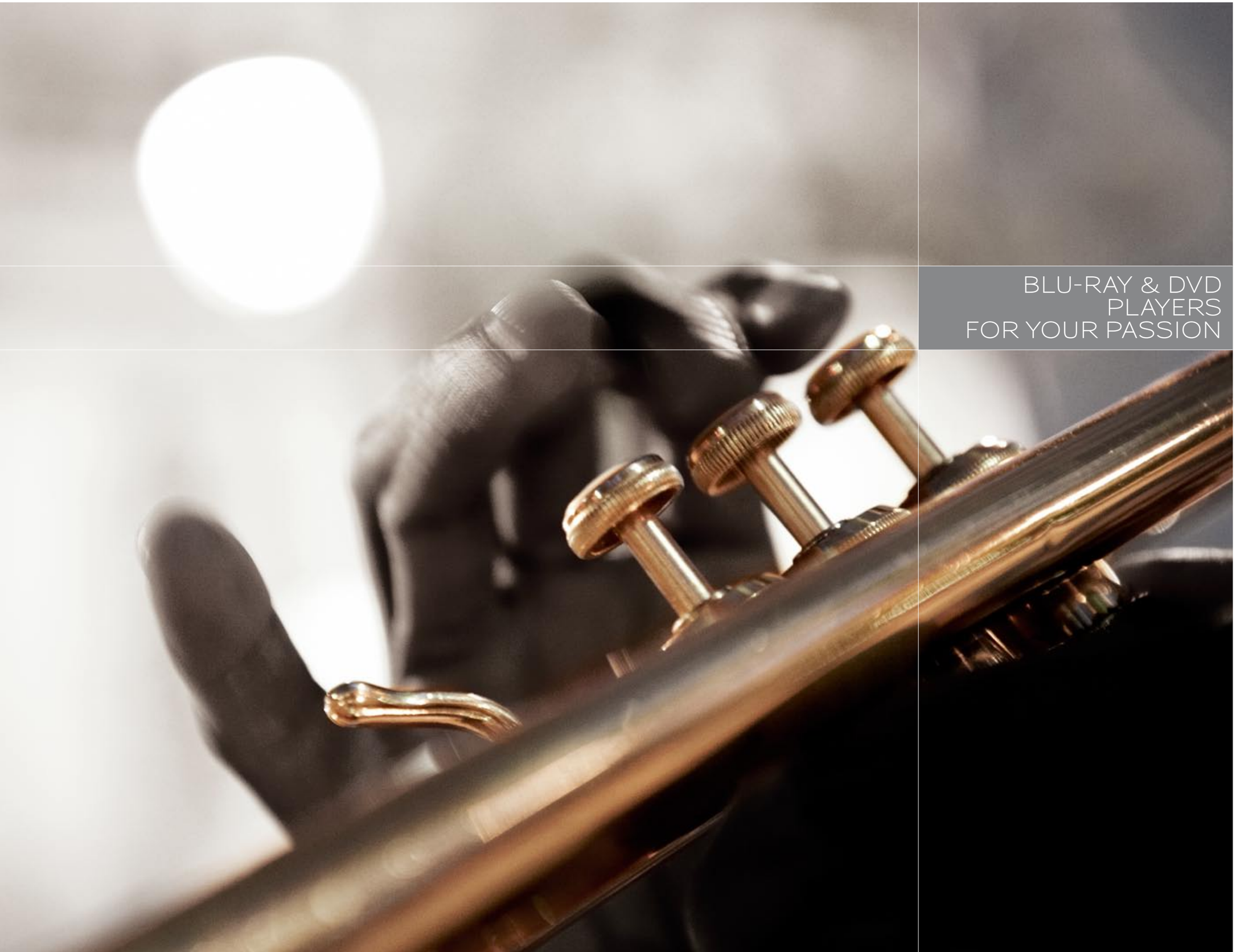
MULTICHANNEL MAIN AMPLIFIER

At the heart of this amplifier is a massive high-current, audiophile-grade, oversized Toroidal power transformer. So it easily delivers more than 140W to each of the eight channels. In addition to its sheer power it incorporates high-grade audio components throughout, extensive shielding of key components, and ultra-wide bandwidth current feedback technology. The amplification system was originally developed to handle SACD signals, so it's ideal for the new DTS-HD Master Audio and Dolby True HD formats. The chassis is completely copper-plated to deliver perfect grounding and to eliminate EMI. The result is an amazingly accurate tonal and image balance, allied to speed and dynamics with very low distortion.

ANY FILE POSSIBLE

The THX Ultra2-certified AV8003 has a built-in digital media player so it can decode movies and music files stored on your PC or external storage unit streamed via the network. Almost any file is possible including MP3, WMA, AAC and even HD video files such as WMV-HD. All will be handled with the best possible quality, thanks to built-in excellent video and audio processing engines and the Marantz Digital Audio Expander M-DAX for compressed audio.





BLU-RAY & DVD PLAYERS FOR YOUR PASSION

It is now just one year since Blu-ray won the format war against HD-DVD, and Marantz is already offering four new Blu-ray players featuring the Profile2.0 standard - also known as BD-Live. This enables you to add extra movie content from the Internet to create a 'live' experience, hence the name BD-Live. The 'UD' in the names of the top two models stands for Universal Disc, since they're not only excellent video players, but also top-quality audio players – as proven in tests with audiophiles and with recognised audio professionals – faithfully reproducing every detail even from SACDs.

marantz

The new UD9004 is the flagship player for 'no-compromise' audiophiles, while the UD8004 provides a more accessible, but still excellent, universal playback solution. In addition, this year's line up includes the BD7004 and BD5004, as well as the DV4003 offering great performance for standard DVDs. And of course all Marantz BD-Players are 'backwards-compatible' which means they will play back your DVDs too. It's all there: unbelievable resolution, razor-sharp lines, intense, perfect colours and truly outstanding audio. All you have to do is live it!

marantz

DV4003

DVD PLAYER

Every aspect of the DV4003 is powerful testimony to the Marantz heritage of building only the finest CD & DVD players. High quality video is assured by incorporating 108MHz/12-bit DAC and video processing, which are technologies usually found only in extreme high-end models utilizing video up-conversion to 1080p via the HDMI output. Audio excellence is guaranteed via the 24-bit/192kHz audio DAC and selected components. The DV4003 plays all the latest video and audio compression technologies such as DivX Ultra, MP3, WMA and JPEG HD. What's more, the USB front input ensures easy playability. And finally, with the CD ripping function it's possible to get an entire CD content copied to a connected USB stick.

marantz

BD5004

BLU-RAY HD PLAYER

Now you can have the legendary Marantz quality in an exceptional value-for-money Blu-ray Disc player. Its highly attractive price is matched by its superb 24fps Blu-ray quality. It comes with the new full Profile2.0 / BD-Live specification, which means it has an Internet connection for downloading additional movie content. It will also upscale your DVDs to 1080p. The new design with the centred mechanism perfectly fits into the Marantz receiver and amplifier line up. Furthermore, the BD5004 includes a stereo output for analogue signals from CDs or down-mixed DVD and Blu-ray sound, while the HD-Audio sound will be streamed via HDMI 1.3a output. And for the purist enjoying music from CDs there's a Pure Direct Mode.

marantz

BD7004

BLU-RAY HD PLAYER

The BD7004 is a 2nd Generation Blu-ray player offering the full Profile2.0 / BD-Live specification. The new design, with centred mechanism, perfectly complements the Marantz receiver and amplifier line up. In addition to astonishing picture quality from Blu-ray (24fps) the BD7004 gives your DVDs a higher quality boost – thanks to Anchor Bay's VRS™ video processing, which outputs 1080p from standard material via the HDMI 1.3a port. On the audio side, the BD7004 has a 7.1 decoder for all major HD-audio formats including Dolby True HD and DTS HD. And for the purist who enjoys music from CDs a Pure Direct Mode helps ensure outstanding quality audio reproduction. To further extend quality, the additional top-cover metal plate helps minimize vibration for a highly stable sound stage and more detailed image.

marantz

UD8004

UNIVERSAL HD PLAYER

Although the UD8004 is a more accessible Universal Disc player solution, it is still a truly exceptional-quality flagship unit, benefiting greatly from the UD9004. Its absolute video integrity ensures excellent Blu-ray playback and it actively improves the quality of your DVDs - that's because the new Anchor Bay video processing chip optimises any signal with adaptive 3D de-interlacing, noise reduction and detail enhancement. For the analogue video-out, it applies a 297MHz/12bit DAC. On the audio side, Marantz has ensured excellent reproduction of CD and SACD by building in a dedicated power supply exclusively for analogue audio. HDAM-SA2s are used for all channels and are divided over two independent audio boards. And all of this functionality and high quality reproduction is packed in a very solid chassis.

marantz

UD9004

UNIVERSAL HD PLAYER

The moment that the Blu-ray standard became fully specified was also the moment for Marantz to give the green light to its engineers and to pull out all the stops. They were told to create the ultimate-quality Blu-ray and SACD player for best pictures and best sound. The result is the flagship UD9004: an unbelievably pulsating experience for your eyes and your ears. The UD9004 incorporates Silicon Realta Optix HQV 10-bit processing technology from professional broadcast systems with no less than 10 technologies for a breathtaking picture experience from DVD and Blu-ray. It also has a whole host of state-of-the-art features to reproduce exceptional-quality audio – as you would expect from a Marantz player. It includes a heavy multilayer copper-plated chassis, and an audio-exclusive strong power supply with encased Toroidal transformer and customized capacitors. To avoid any cross talk to the main front channels, dedicated boards are used in the XLR outputs, the main cinch outputs, and the left over channels. So in total four audio boards with only the best components are used. And, because it includes the Marantz HDAM-SA2s and an all-over sound tuning, the result is a spacious, lively and well tonal balanced, exceptional audio reproduction.

SENSUOUS STEREO

For more than 50 years, Marantz has been touching people's lives, by faithfully reproducing music as the original artist intended – enabling it to inspire, motivate and impassion. And to continue that tradition the highly acclaimed and award-winning 6002s have been upgraded, Firstly with the new M1 Reference Design style. And secondly and more importantly with a completely new interior. They now go by the names PM6003 and CD6003. Also, to answer the needs of portable media fans, the SA8003 and CD6003 come with USB ports that are iPod digital compatible as well.

marantz

PM8003

INTEGRATED AMPLIFIER

70w x 2ch · TOROIDAL TRANSFORMER · CURRENT FEEDBACK · HDAM-SA · Shottky Diodes · SYMMETRIC LAYOUT · CUSTOMISED COMPONENTS · COPPER PLATED CHASSIS · PURE DIRECT · MM Phono

Delivering 2 x 70 watts into 8 ohms (or 100 watts, 4 ohm), this current feedback amplifier uses audiophile-grade customized components and HDAMs to faithfully reproduce the music's dynamic structure, tonal quality and stereo image. The copper-plated chassis and rear panel reduce signal-degrading EMI, and offers the lowest possible impedance grounding to every spot of the amp. An extra heavy bottom plate minimises vibration. Power handling characteristics have been reshaped and optimised, and the large Toroidal transformer has been specially designed for this renewed circuitry. Its low impedance, wide-bandwidth power supply ensures a massive energy reserve to drive even the most demanding of speakers with absolute ease. And, because 'vinyl' is back, it supports Phono MM as well in current feedback technology. Enjoy the exclusivity of this unsurpassed PM8003.

marantz

SA8003

SUPER AUDIO CD PLAYER

SUPER AUDIO CD · COMPACT DISC DIGITAL AUDIO · USB · Made for iPod · XYRON LOADER · COPPER PLATED CHASSIS · TOROIDAL TRANSFORMER · HDAM SA2 · MP3 · Plays Windows Media

EISA AWARD Best Product 2009-2010 AUDIO SOURCE Marantz SA8003

With technologies derived from the highly acclaimed Premium Range of SACD players the upgraded SA8003 offers a no-compromise music reproduction from CD, SACD and even USB devices for MP3, WMA and iPod. Only audiophile-grade and customised components are used. There's a copper-plated chassis and rear panel for best grounding and a Toroidal transformer for instantaneous current delivery. All of the Marantz extensive knowledge has been used in perfecting the symmetrical circuits with HDAM SA-2s. While the new Xyron loading mechanism enables you to listen to (SA)CDs providing the perfect depth, dynamics and sonic excellence you've come to expect from this exquisite player. Finally, there's also a high-quality headphone amplifier with fast current buffer output to complete your listening pleasure.

marantz

PM7003

INTEGRATED AMPLIFIER

70w x 2ch · HDAM-SA · Shottky Diodes · SYMMETRIC LAYOUT · CURRENT FEEDBACK · CUSTOMISED COMPONENTS · PURE DIRECT · POWER AMP DIRECT · MM Phono

This stereo current feedback integrated amplifier is the perfect solution for the audiophile seeking uncompromising musicality combined with flexible operation. The 'amp direct' mode means you can also use this integrated amp as a pure power amplifier. It features the new solid reference-standard M1 design style and delivers 2 x 70 watts into 8 ohms, while the symmetrical circuits ensure perfect image balancing. High grade audio components, current feedback HDAMs and the Source Direct function ensure best sound quality, while the stable power supply, supplying high speed instantaneous current, further extends the superb build quality. With six audio inputs including Phono (MM) and two pairs of speaker terminals it is the perfect centrepiece for your stereo system. It all adds up to exceptional sound quality.

marantz

SA7003

SUPER AUDIO CD PLAYER

SUPER AUDIO CD · COMPACT DISC DIGITAL AUDIO · CD-R/RW COMPATIBLE · XYRON LOADER · HDAM SA2 · CUSTOMISED COMPONENTS · SYMMETRIC LAYOUT · COAX DIGITAL OUTPUT · MP3 · Plays Windows Media

This stereo SACD and CD player underlines the Marantz heritage for high quality two channel audio reproduction. It faithfully reproduces a wide sound stage with no extra or missing information, thanks to the faster, low-noise and lower impedance symmetrical circuits with high quality parts. The loading mechanism is made from a new material called Xyron, which has very high rigidity and resonance-damping characteristics. Its reduced distortion spectrum enables you to listen to SACDs with the sonic excellence you've come to expect from this player. It can even replay compressed audio formats such as MP3 and WMA in high quality. The headphone amplifier and gold-plated outputs complete this beautiful player. In total, the SA7003 expresses the Marantz dedication to the purest reproduction of musical emotion.

marantz

PM6003

INTEGRATED AMPLIFIER

45 W X 2ch · TOROIDAL TRANSFORMER · SYMMETRIC LAYOUT · CURRENT FEEDBACK · CUSTOMISED COMPONENTS · Shottky Diodes · MM Phono · A-B · SYSTEM REMOTE · BUS

The PM6003 replaces the much-praised PM6002, the last amplifier to be upgraded to the new M1 Reference Design style. But it's not just the outward aesthetics that have been improved; Marantz took this upgrade opportunity to further improve this already excellent amp by refining the sound and optimising the balance from bass to mid to highs for a performance full of harmony. The new lower impedance Toroidal transformer shielded with case, was also matched to the new main capacitors, which again have been aligned to the new type of power transistor, mounted on a new extruded aluminium head sink, capable of handling higher currents and keeping closer control of the speaker. And of course all of the original features - such as six-line audio input including Phono, two-pairs of gold plated speaker connection with the convenience of bi-wiring and a remote handset - are still available.

marantz

CD6003

CD PLAYER

COMPACT DISC DIGITAL AUDIO TEXT · CD-R/RW COMPATIBLE · MP3 · Plays Windows Media™ · HDAM SA2 · SYMMETRIC LAYOUT · CUSTOMISED COMPONENTS · USB · Made for iPod · SYSTEM REMOTE

Developed as successor for the highly popular and What Hi-Fi? Award winner CD6002, this new CD6003 offers everything a dedicated music lover desires: wide dynamic range, clear detail reproduction, and excellent staging. The solid chassis is further strengthened by an additional metal bottom-plate, which further reduces unwanted vibration and makes the CD6003 a real "heavyweight fighter". The mechanism is centrally installed and the USB input is derived from the SA8003 and features an iPod digital connection. The stable, oversized power supply feeds the digital and analogue circuitry of the player, where the high quality CS4398 converts digital signals into analogue, which is then 'pushed' to the gold plated cinch outputs by Marantz's own small signal amplifier, the HDAM-SA2. Altogether the CD6003 is a match made in heaven for the music lover who wants nothing but the best performance at an attractive price.

marantz

PM5003

INTEGRATED AMPLIFIER

40 W X 2ch · HDAM SA2 · CUSTOMISED COMPONENTS · SYMMETRIC LAYOUT · MM Phono · A-B · PURE DIRECT · SYSTEM REMOTE · BUS

The Marantz PM5003 integrated amplifier is the first in its class to offer current feedback architecture – a feature that until now has been exclusive to the much more expensive models. This technology provides very fast and accurate signal handling which results in perfectly balanced stereo sound reproduction and a very open and precise music image. The unit includes controls for Tone and Loudness, as well as a Source Direct function and a headphone output. The metal chassis and metal front panel provide a rigid base for high quality performance, while the Marantz system remote controls the whole system of CD, Tuner or DVD. The PM5003 opens the range of Marantz integrated amplifiers and offers music lovers high sound quality and versatile flexibility.

marantz

CD5003

CD PLAYER

COMPACT DISC DIGITAL AUDIO TEXT · CD-R/RW COMPATIBLE · MP3 · Plays Windows Media™ · HDAM SA2 · SYMMETRIC LAYOUT · COAX DIGITAL Output · OPT DIGITAL Output · SYSTEM REMOTE · BUS

The CD5003 incorporates high quality audio components such as the well-known CS4392 DA converter, the Marantz own HDAM-SA2 and a reliable CD transport mechanism. The Audio EX(clusive) mode further excels sound quality by switching off functions, such as digital output and pitch control, that are not in use. It plays CD-R and CD-RW discs as well as MP3 and WMA files and displays text information such as artist name and track titles. The Auto Music Scan (AMS) quickly finds the music on the disc and the Quick Replay function repeats favourite passages, while the high-grade gold-plated analogue outputs guarantee best connectivity. A well-defined headphone output and supplied remote control completes the picture of an excellent player.

marantz

marantz

ST6003

RDS STEREO TUNER

R·D·S RADIO DATA SYSTEM · 50 PRESET · FULL DOT MATRIX · CUSTOMISED COMPONENTS · D-BUS · REMOTE

The ST6003 is an FM/MW Stereo analogue tuner with access to all major frequencies and has a high-sensitivity front end to ensure drift-free reception. The RDS tuner lets you tune by frequency or program type, while the full dot matrix display clearly indicates the frequencies and radio data such as station name or radio text. It comes with 50 station presets and a sleep timer function. And, via the Marantz D-Bus you can remote control the ST6003 with any Marantz amplifier remote. In total, the ST6003 combines high quality audio components for the best sound with functionality and ease of use.

marantz

CC4003

CD CHANGER

COMPACT DISC DIGITAL AUDIO · CD-R/RW COMPATIBLE · MP3 · COAX DIGITAL OUTPUT · OPT DIGITAL OUTPUT · CI-Ready · D-BUS · REMOTE · METAL FEET

With a five-disc carousel, fully programmable playback mode as well as random, repeat and scan modes, the CC4003 CD changer provides endless combinations of non-stop music. Its multi-read drive plays not only CDs but also CD-R/RWs with MP3 or WMA files. For the analogue output, the internal high quality CS4392 D/A converter guarantees superb sound quality. Coaxial digital and optical outputs are provided for digital connection. There's also a headphone output with adjustable volume, and the dedicated remote controller provides direct disc access, while the metal chassis and solid metal front panel provide a rigid base for high quality performance. The Marantz D-Bus system and a built-in RS232C port with discrete coding provide an open architecture for enhanced system control. And of course it's in the new M1 Reference Style design.

PERFECTION FOR YOUR EYES, EARS AND HANDS

This year's Marantz collection not only seduces you through your eyes and ears - but also your hands. Because, in addition to the excellent audio quality and beautiful outward design of units such as the SR5023 and the CD5003 it also includes a special hand held iPod docking station IS301, so you can enjoy holding your 'sensuous' iPod while its music is played on your main system. Enjoy.

marantz

marantz

SR5023

STEREO RECEIVER

80w x 2ch · R·D·S RADIO DATA SYSTEM · 50 PRESET · MM Phono · FULL DOT MATRIX · PURE DIRECT · SYSTEM REMOTE · DIGITAL

This latest 2 x 80W stereo receiver, in the new M1 Reference Style design, is built to the highest standards and expertly finished. The slim aluminium front expresses perfect balance, while the dimensions are the same as those for the CD5003 and SA7003, giving you the option of creating an extraordinary system from just two components. Close attention to detail and a no-compromise construction ensures faithfully captured excitement and emotional playback of your music. This RDS stereo receiver comes with FM/AM reception, 50 random presets and a powerful amplifier at its heart. For vinyl addicts there's also a high quality phono MM preamplifier. Subwoofer output and a pairs of screw type speaker terminals make it a true centrepiece of your home stereo system.

marantz

TT-42

TURNTABLE

Many of your cherished vinyl records may never be issued in digital formats, which means good turntables are now more important than ever. That's why Marantz offers you a fully automatic, high quality turntable with DC servo belt-drive, low-coloration tone arm, and transparent dust cover. The ideal answer to your need for a high performance source component for analogue records. Set-up is easy since the TT-42 is fully pre-installed. Vinyl is here to stay.

SPACE FOR YOUR ENJOYMENT

Enjoy superb performance in a space-saving package. This year's range of Marantz compact stereo systems combines excellent reproduction and simple elegance like never before. For example, USB connectivity on the M-CR502 means more format choices, while the special digital filters optimize the sound with a push of a button. Also, the successful M-CR502 is now available as a DAB version as well: take a look at the M-CR502 DAB… and if you're looking for a perfect partner to match don't miss the LS502.

M-CR502 and M-CR502 DAB

CD RECEIVER

If you're looking for a compact all-in-one music player that looks as great as it sounds, then look no further. The new Marantz high-quality lifestyle CD Receiver M-CR502 will dazzle you in both look and feel as well as in audio reproduction. Inside the stylish aluminium cabinet, finished with a high-gloss black cover, is the technology to playback all your digital music as well as your favourite radio stations with RDS information. There is also a version available featuring DAB digital radio. The M-CR502 will play your CDs and your MP3 and WMA files, even those stored on a USB device. Enjoy it in your main room, via headphones or in a multi-room setup – you can even expand the system with subwoofer and small satellite speakers. Everything is possible with this amazing compact and powerful CD Receiver.

LS502

LOUDSPEAKER

This high quality loudspeaker in high gloss / piano black finish, is the perfect partner for the CR502. That's because the power handling, frequency range and connectivity are all optimised for the CR502. The crossover is equipped with specially selected components and the bi-wiring terminal makes full use of the CR502 bi-amping functionality. The cabinet is made from solid, rigid MDF and the side panels are curved, for an elegant design. This speaker will be only sold in combination with the M-CR502 or M-CR502 DAB.

marantz

THE TOUCH OF GENIUS

One of the iPod's greatest charms is its tactile character: nestled in your hand, it simply feels 'right'. You also have total control at your fingertips via the genius user interface.
However, when you hook up your iPod to your Hi-fi system (to unleash its full sonic potential) it's no longer in your hand – your beloved iPod is anchored to a fixed docking station. But all that is about to change… with the IS301

marantz

IS301

HAND HELD DOCKING STATION FOR iPOD

Now you can enjoy your iPod files on your main stereo system – and, enjoy holding your iPod in your hands, controlling playback from this genius interface. Simply plug the IS301 handheld adapter into your iPod and send the files, via Bluetooth (A2DP), to your receiver unit. A separate base docking station can be used to store the handheld module, where it handles iPod charging and connection, via USB, with iTunes on your PC. The cradled approach also means you can even deliver video from your iPod's library when this is wired with the receiver unit. The cradle's flexible design means it can be put on a table or wall mounted. Controlling the power, volume and source of your Marantz amplifier can easily be done with the buttons on the handheld module. Simply keep your iPod in your hand and enjoy your favourite music on your HiFi system while sitting or walking through the room. That's flexibility.

marantz

TOTAL CONTROL

At Marantz we like to listen to our customers. We like to listen to their needs for perfect reproduction… but also for effortless, perfect control. We like to listen, but even more, we like to deliver. That's why we developed the state-of-the-art remote controller RC9001. It's total control.

marantz

RC9001

PROGRAMMABLE TOUCHSCREEN REMOTE

Ever dreamed of controlling your entire electronic home environment with just one hand-held controller? With the RC9001 you can do just that… and more. The RC9001 gives you control of your home environment in every possible remote control sense via one customizable and easy to use interface. It's the result of extensive market studies and testing with both enthusiastic end-users and professional installers across the globe. Its trend-setting ergonomic design, True Color touch screen, sophisticated set-up via PC and IR / Wi-Fi command transmission opens unlimited possibilities. The installed Pronto Script allows IP and 2-way communications for easy control of your AV-products, your music server, and lighting system. For even more control you can use the extension modules RX8001 and RX9001 for operating hidden systems via RF or RS232. Now you can really shape your ideas, take your creativity to a new level and enjoy perfect control like never before, in true Marantz style.

DESIGN EXAMPLES FOR USER INTERFACE

TECHNICAL GLOSSARY

NOTE: THE NUMBERS BETWEEN ICON AND PRODUCT FEATURE REFER TO THE GLOSSARY COLUMN IN THE TECHNICAL DATA ON THE NEXT PAGES.

1. 70% POWER GUARANTEE
Marantz has the 70% power guarantee, meaning that a minimum of 70% of the stereo power indicated in the specification section will be available when 5 channels are simultaneously used. A lot of misunderstanding about power rating has been created by claiming the highest possible output power as a unique selling point. Measurement often has been done on only 1 speaker drive, with lower impedance than 8 ohms and high THD (total harmonic distortion) acceptance. A standard THD value is 0.08%. The lower the better.

2. CURRENT FEEDBACK
Current Feedback amplification is a well known, Marantz' original circuit technology. The Current Feedback amplifier technology fits perfectly with the high requirements set for Super Audio software providing wide-bandwidth, high-speed reproduction. The impedance at the Current Feedback point is limited resulting in a very low phase shift. Marantz receivers and amplifiers equipped with Current Feedback can keep the phase compensation via Negative FeedBack (NFB) to a minimum, resulting in high through-rate, excellent transient response and superb sonic transparency for the full bandwidth. Unlike conventional Voltage Feedback amplification, the Current Feedback amplification makes the power amplifier in-sensitive to difficult loudspeaker loads.

3. TOROIDAL TRANSFORMER
Toroidal transformer has several advantages over a normal EI core transformer. It is very efficient and therefore delivers more power compared to the same size of an EI core transformer. In addition, due to its shape, the electromagnetic radiation and the mechanical vibration are extremely low all ending in a better sound quality.

4. HYPER DYNAMIC AMPLIFIER MODULES (HDAM)
Marantz developed its own discrete circuit boards to replace standard IC's. These HDAM's consists of discrete surface mount components with short mirror image L/R signal paths. Those devices are doing exactly the same thing as the Op-Amps, but outperform the regular IC Op-amps dramatically in terms of the Slew Rate and reduced noise level, resulting in a much more dynamic, accurate and detailed sound. Over the years Marantz developed different types of the HDAM to improve quality and to fit to the special requirements of a product category like CD or amplifier.

5. CUSTOMIZED COMPONENTS
On paper an electrical component might look excellent but the result may fall short of the combined design expectations. Marantz selects the appropriate components for the specific design application. In some cases it's simply not possible to use standard components that meet the high Marantz standards. These components will then be specially made for Marantz in close cooperation with the Marantz engineers.

6. SYMMETRICAL CIRCUIT LAYOUT
To achieve the best possible sonic performance, signal paths need to be short, direct and mirror imaged. The construction of our circuitry provides improved stereo imaging by ensuring close to perfect symmetry between right and left channel layout.

7. COPPER PLATED CHASSIS
A copper plated chassis provides the best shielding against noise or electromagnetic distortion radiating from other components in the equipment. It prevents this noise from being amplified together with the audio signal. And even more important, it gives equal low impedance ground level to every point of the chassis, keeping the ground potential as clean as possible.

8. ZERO IMPEDANCE MATCHING JOINT
Improves the signal to noise ratio significantly by adding a copper plated bracket across the output terminals of the player providing the best ground contact possible.

9. PURE / SOURCE DIRECT / AUDIO EX(CLUSIVE)
Pure / Source Direct / Audio EX are special listening modes that provide the highest possible signal purity. They can be used for both analogue and digital sources, with two-channel or multi-channel inputs. When selected, the signal follows the most direct path not passing the tone and bass management circuitry or any DSP (digital signal processor) of AV Receiver or on players pitch control, digital output or the display will be switched off. The less processing and functionalities the closer the signal is to the original, the less it is distorted.

10. POWER AMP DIRECT
Power Amp Direct extends the flexibility of an integrated amplifier for use within a stereo set or as a power amplifier within a multichannel set up. With Power Amp Direct switched off, it acts as a normal integrated amplifier for enjoying perfect sound quality in a stereo set up. With Power Amp Direct switched on, it uses the power amplifier for driving the front left and right speakers within a multichannel set up, using the surround channels from your AV receiver. What's more, it does all this with a single push of a button, without changing wires. The Power Amp Direct can also be used for a stereo bi-amping set up.

11. SUPER AUDIO CD
Super Audio CD (SA-CD) is an established music format that provides a more natural, ultra-high quality sound. It offers a smooth migration path to a higher quality sound, as all existing CDs can be played on the SA-CD player. SA-CD is based on the Direct Stream Digital (DSD) technology, which uses 1 bit delta-sigma modulation and a sampling frequency that is 64 times higher than that of the CD. This enables the SA-CD to offer a frequency range up to 100KHz and a dynamic range of 120dB.

12. XYRON
XYRON® (PBO fibre) is the next generation super fibre which decreases the vibration and resonances of a disc dramatically, increasing the quality of the outputted audio quality. Developed by Ashahi Chemical Japan, the fibre possesses High Rigidity with High Internal Losses, ideal material for CD or DVD mechanisms.

13. BALANCED INPUTS/OUTPUTS
Balanced connections in an audio system are designed to reject both external noise, from power wiring etc, and also internal crosstalk from adjacent signal cables. The basic principle of balanced interconnection is to get the signal you want by subtraction, using a three-wire connection.

14. USB AUDIO
USB Audio makes it possible to listen to compressed audio files (MP3, Windows Media™ Audio, etc.) stored on MP3 players or external harddiscs. All Marantz USB enabled products make use of the USB 2.0 profile for fast and stable data transfer.

15. MDAX
The use of compressed audio files like MP3, Windows Media™ Audio or AAC is getting more and more popular. The audio quality of these compressed files however is less than the original lossless files that are on a CD, especially lacking the higher frequencies and affecting the lower frequencies which make the audio image less wide and deep. The Marantz Digital Audio Expander, also called MDAX, recalculates the outputted frequency range of any compressed MP3, Windows Media™ Audio or AAC audio signal and expands it over a broader frequency range. This enables you to get a more detailed and clearer sound.

16. AUDYSSEY
Audyssey is an acoustic measurement technology which automatically restores the acoustic distortion caused by the acoustic behaviour of a room with only a push on a button. Audyssey equalization provides an clear, accurate, natural sound with voices and dialog that become focused and intelligible, restoring the musical balance. Musical instruments and sound effects become precisely localized and the surround soundstage is made seamless and enveloping.

17. AUDYSSEY DYNAMIC EQ
Dynamic EQ selects the best possible frequency response and surround volume levels moment-by-moment. This ensures that the bass response, tonal balance and surround impression remain constant despite changes in volume. This is the first technology that carefully combines information from incoming source levels with actual output sound levels in the room, a pre-requisite for delivering a dynamic volume solution.

18. AUDYSSEY DYNAMIC VOLUME
Your Listening experience can be greatly diminished when there are significant shifts in volume between television programs, commercials and within the program material itself. When this happens you must constantly adjust the volume to maintain your desired listening level. Audyssey Dynamic Volume monitors the volume of program material moment-by-moment and automatically adjusts it, maintaining the desired listening level for all content while optimizing the dynamic range to preserve impact.

19. MARANTZ ROOM ACOUSTIC CALIBRATION (MRAC)
Taking into account reflections from walls, ceiling and floor and our knowledge about psycho-acoustics, MRAC optimizes the sound for the room acoustics. With a supplied microphone placed on your listening position, a powerful DSP analyzes accurately and sets the sound configuration for your listening room fully automatically. MRAC can test and controls speaker configuration, speaker size, trim and distance/delay. All for best sound and easy set-up.

20. 1080P UPSCALING
Upscaling is the process of converting a standard definition (SD) video signal to a seemingly high-definition (HD) video signal by using a video scalar. Upscaling does not convert standard definition video to true high definition video, but it does dramatically improve the detail and colour consistency of the picture, up to 1080p, the resolution possible for HDTV. The term usually assumes a widescreen aspect ratio of 16:9, implying a horizontal (display) resolution of 1920 lines and a frame resolution of 1920 × 1080 or over two million pixels. On AV Receiver video conversion from analogue level to the digital level for output via HDMI offers ease of use and best digital picture quality for each source material.

21. VIDEO CONVERSION
Analogue video signals feed to the AV Receiver in Composite, S-Video or Component format will be up- or down-converted to the monitor video output of another format. This feature allows you to connect several sources to an AV Receiver and run only one cable to the TV set. Please check specification area for details on conversion direction.

22. HIGH-DEFINITION MULTIMEDIA INTERFACE (HDMI)
HDMI combines high-definition video and superb audio in a single digital interface with a bandwidth of up to 10 Gigabits/ second. HDMI complies with High-bandwidth Digital Content Protection (HDCP) technology protecting high-value content from unauthorized reproduction and distribution. HDMI is the only interface in consumer electronics that can transmit both high-definition video and multi-channel audio e.g. Dolby TrueHD and DTS-HD formats, including 720p, 1080i and 1080p through one single cable.

23. 2x HDMI OUT
With Native direct output via HDMI on a BD Player the audio and video signal can be separately outputted via the two HDMI connectors to optimize the purity of the signals. There is less interference between the sensitive audio and video signal and both can be kept as clear as possible. The second option for the two HDMI out is to connect two display devices at the same time, such as a flat screen via a receiver and a projector directly.

24. ANCHOR BAY
The Anchor Bay Technologies' second generation video scaling chip is specially made for applications requiring high quality up-conversion from standard video like 576i up to high-definition formats including 1080p, I/P conversion and upconversion from analogue video signals to the digital domain for transfer through HDMI. The chip features Anchor Bay's proprietary 10-bit Precision Video Scaling Engine that can independently scale an image horizontally and vertically to achieve an outstanding picture quality for today's demanding high resolution video displays. See '1080p Upscaling'.

25. I-CHIPS
I-Chips is a Japanese developer and manufacturer of images processing chips. Their know-how and experience makes it possible to achieve a high degree of image quality. The i-Chips 10-bit video processor features an advanced deinterlacer for I/P conversion with motion-adaptive de-interlacing and is able to upscale standard definition video content up to 1080p. See '1080p Upscaling'

26. SILICON OPTIX & HQV™
The Realta reference quality video processing chip of producer Silicon Optix features HQV™- technology powered by Teranex. Realta's architecture includes a fully software programmable video array processor capable of performing over 1 trillion operations per second, an Image Fidelity Enhancement Engine and end-to-end true 10-bit image processing for upscaling images to the High Definition format of 1080p. Realta's deinterlacer converts your interlaced content into progressive to enjoy a smooth image. See '1080p Upscaling'

27. BLU-RAY DISC
Blu-ray Disc, also referred to as BD-ROM, is the next-generation High Definition (HD) optical disc format. The format is developed to enable recording, rewriting and playback of High Definition video and audio. The format offers more than five times the storage capacity of traditional DVDs and can hold up to 25GB on a single-layer disc and 50GB on a dual-layer disc. This extra capacity combined with the use of advanced video and audio codecs will offer consumers an unprecedented high definition 1080p experience, providing an exhilarate life-like image and an audio soundtrack that is more detailed and clearer.

28. BD-LIVE / PROFILE2.0
This new Blu-ray Disc profile offers additional enjoyment to your current Blu-ray experience by enabling you to download additional movie content such as alternative endings and trailers. You can also buy merchandise, play interactive games and more. Before a player can handle this new profile it requires an Ethernet port for connection with the Internet and a minimum storage capacity of 1GB (by SD card) to accommodate the downloaded content.

29. DEEP COLOR™
Deep Color™ lets HDTVs and other displays go from millions of colours to billions of colours allowing consumers to enjoy unprecedented vividness and accuracy of colour on their displays. Deep Color™ eliminates on-screen colour banding, for smooth tonal transitions and subtle gradations between colours. It enables increased contrast ratio, and can represent many times more shades of gray between black and white.

30. TRUE1080/24FPS
The standard frame rate that is being used to record cinema movies is 24 frames per second (24fps) and this life-like image with stutter free movements could only be enjoyed in the real cinema up until now. Now with Blu-ray players outputting 1080p/24fs it is coming to the customers' home.

31. SD CARD
Input for a SD-Card. Content stored on the card, such as MP3, Windows Media™ Audio and JPEG files can be viewed via the source player. It also supports special additional contents from Blu-ray Discs, like picture-in-picture view for example if available.

32. DIVX ULTRA
DivX is a video compression tool developed to exchange film content via the internet. With a DivX certified DVD or Blu-ray player it is easily to take digital video from the computer and play it back on the normal TV at almost DVD quality. Thanks to DivX technology's superior compression, hours of DVD-quality video can be saved on a single CD. The latest improved version is called DivX Ultra, also called DivX 6.0 The new DivX offers enhanced multimedia and interactive features.

33. HD JPEG
HD JPEG allows customers to enjoy their High Definition images taken with their digital camera via the SD Card slot or images saved on CD.

34. THX SELECT2 / THX ULTRA 2
THX certification, developed by LucasArts of George Lucas, is a quality assurance specification for products that meet the high requirements of THX, guaranteeing highest quality audio performance, and a soundtrack reproduction exactly as the audio engineers of the film intended it to be. THX certified products are build according the THX standards for presentation excellence, and include THX features as: timbre matching, bass management adaptive decorrelation, re-equalization (Re-EQ™) and Boundry Gain Control. There are two certification levels starting with THX Select2 and the even higher specified one THX Ultra2.

35. DOLBY TRUE HD
Dolby TrueHD is Dolby's next-generation lossless technology developed for high-definition audio coding. Dolby TrueHD supports up to eight full-range channels, allowing the audio engineer to position sounds for a more realistic effect than ever before. Dolby TrueHD is supported by HDMI™, the single-cable digital connection for high-definition audio and video. Dolby TrueHD will be transmitted via HDMI 1.3a and is compatible with HDMI 1.1 as an outputted HD 7.1 PCM multichannel signal. See 'HD - 7.1 PCM Multichannel'

36. DOLBY HEADPHONE
Dolby Headphone technology allows users to listen to music, watch movies, or play video games with the dramatic surround effects of a 5.1-channel soundtrack through any set of stereo headphones. Best of all, "listener fatigue," a phenomenon commonly associated with head-phone playback, is replaced by a spacious, natural sound field that listeners can enjoy for hours.

37. DOLBY PRO LOGIC IIx
Dolby Pro Logic IIx is a complete surround sound solution featuring Movie and Music mode that function with 5.1 as well as stereo source material. It delivers a natural and immersing up to 7.1-channel surround listening experience to the home theatre environment.

38. DOLBY PRO LOGIC IIz
Dolby ProLogic IIz is the newest surround sound format from Dolby Laboratories. It presents a new listening experience with a more life-like sound stage by additional Front Height channels, which add a vertical component to the horizontal sound field of conventional 5.1 or 7.1 systems. The enhanced spatial effects bring an overall airiness to the listening experience, a new dimension of presence and depth.

39. DTS-HD MASTER AUDIO
DTS-HD Master Audio is an optional High Definition Audio format for all Blu-ray Disc™ products. DTS-HD Master Audio format allows a bit-to-bit representation of the original movie's studio master soundtrack and delivers audio at high constant bit rates superior to standard DVDs.

40. DTS ES 96/24 NEO:6
The DTS-ES surround system offers a superb sound quality and a range of formats. The Discrete 6.1 offers the ultimate quality of surround field creation, while the Matrix 6.1 provides compatibility for the existing DTS 5.1 software. And the Neo:6 is to create 6.1 surround stage from any two channel source.

41. SRS CIRCLE SURROUND II
Circle Surround II is a powerful and versatile multi-channel technology designed to enable up to 6.1 multi-channel surround-sound playbacks from mono and stereo sources. CS-II places the listener "inside" the music performances and dramatically improves the separation and image positioning of both hi-fi audio and conventional surround-encoded video material, adding a heightened sense of realism.

42. HT-EQ
The Marantz HT-EQ Home Theatre Equalizer circuit compensates for the overly bright sound of some DVD movie soundtracks that were not properly re-equalized for the home listening environment from the original film soundtrack. Film soundtracks are often equalized with a higher bright soundstage. This is done because the speakers in a movie theatre are placed further from the audience as the speakers in your home theatre setting. The functionality is similar to the Re-EQ(TM) of THX.

43. MULTICHANNEL DOWNMIX
When audio cannot be enjoyed via HDMI connection, the audio output has to be connected analogue to the receiver or output screen. When a source product is not equipped with an analogue multichannel output but only a stereo audio output, the internal 2-channel downmix processing automatically downmixes a 5.1, 6.1 or 7.1 signal back to a stereo signal (2.0). Optional to the HDMI of course the digital audio output can be used for standard multichannel audio as Dolby Digital or DTS.

44. MULTI ROOM / MULTI SOURCE
With the Marantz AV system placed in the main room of the house, a second or even a third loudspeaker set can be placed in separate rooms. In those rooms an audio and even a video source can be selected independently from the main room at a different sound level and with full remote control functionality. For example in the main room a DVD can be played back with multichannel surround, while in a second room music can be enjoyed from a CD player connect and a third room can have audio and video coming from the connected satellite set-top box - all at the same time - all independently. Please check specification section for number of zones.

45. 2-WAY WIFI
WiFi, also called IEEE802.11, working on a frequency of 2.4GHz. This means a much wider bandwidth is available for transmitting the signals in comparison with RF for example and it can be used in both directions (bi-directional or 2-Way): to control equipment and receive information from the equipment when available. The WiFi technology is also used for wireless computer networks. For the use with RC9001 for example this means direct browsing the contents of a music server and several other application possibilities like lighting - climatic - security control - etc.

46. CI-READY
CI-Ready indicates that the products are equipped with connection like RS-232, Flasher Out, IR Receiver in, DC-Trigger and similar used especially in the Custom Installation area. The RS232 for example is a communication port direct to the micro processor of the device. It is possible to control the component and get status feedback via this connection without any visual contact and even offers a way to update the system software if needed. Marantz products have dedicated remote codes and RS232 codes for any function including discrete power on / off.

47. D-BUS
To optimize equipment in terms of ease of use, Marantz has designed the D-Bus system. Received remote control commands are communicated via this bus. This enables equipment without IR-receiver like tuners or hidden system together with an external IR eye to be controlled via the bypacked Marantz System Remote Controller.

48. DC-TRIGGER
A DC trigger is an assignable voltage output which can automatically control for example an electrical projection screen, lowering it when the DVD input is chosen on the receiver.

49. IR-FLASHER
The IR-Flasher IN is a standardized connection to control the AV system by external IR receivers independent of the infra red control format used. On the IR-Flasher OUT an IR-Emitter can be connected to controlled third brand components. The third connection link to this is the IR-Receiver INPUT which is similar to the IR-Flasher In, but it outputs a voltage to directly feet an external IR-Receiver eye. Please check capability per product in the specification section.

50. M-XPORT
The Marantz eXtension Port is a dedicated 9-pin connector on the rear-side of a product. This port can be used for a wide variety of applications by connecting a dedicated device such as a network client, DAB tuner module, iPod dock, or others. Please check Bluetooth explanation for more details. Further devices will follow.

51. BLUETOOTH
Bluetooth is a worldwide standard for wireless communication, exchanging information between fixed and mobile devices. Marantz uses the Bluetooth A2DP standard to stream music from a mobile device to a Marantz own receiver unit. It uses a dedicated one for the IS301 and the universal RX101 which is connected to the M-XPort. Please see the M-XPort explanation as well.

52. MADE FOR IPOD
'Made for iPod' means that an electronic accessory has been designed specifically to connect to iPod and has been certified to meet the Apple performance standards. Current Marantz products carrying the 'Made for iPod' logo are compatible with the following iPod models: 4th Generation iPod or higher, iPod Classic, iPod Nano (1st, 2nd, 3rd and 4th generation), iPod video and iPod Touch. For 5th Generation iPod, iPod Nano or iPod Touch the audio transmission is digital.

53. DLNA
DLNA certified products guarantee a stable and fast connection, cross-brand interoperatebility, Universal Plug and Play (UPnP), automatic IP-addressing and easy to use in a wired or wireless setup with your home network: Sharing of your favourite music, photo's and video's stored on your PC, NAS-drive, Musicserver or HD recorder through your audio/ video set-up is possible.

54. ENVIRONMENTAL FRIENDLY
Marantz products all carry the environmental logo. This logo proves the environmental way of thinking within Marantz. This does not stop with the low power consumption of all Marantz products in stand-by modus, but it also underlines the environmental way of working and producing within Marantz and the use of environmental approved components that do not contain hazardous chemical elements. As much as possible will be done to stress the environment as less as possibly can.

TECHNICAL DATA

AV PRE-AMPLIFIER	GLOSSARY	AV8003
FEATURES		
THX Ultra II / Select II	34	• / -
THX Surround EX		•
DTS HD Master / DTS 5.1 / DTS ES / DTS 96/24	39, 40	• / • / • / •
Dolby Digital Plus / Dolby TrueHD / Dolby Digital EX / DPL IIx	35, 37	• / • / • / •
Circle Surround II / Neural Surround	41	• / •
Virtual Surround / Multichannel Stereo		•(Dolby VS) / •
HT-EQ / Re-EQ	42	- / •
Dolby Headphone / TruSurround Headphone	36	• / -
M-DAX Compressed audio Enhancer (MP3, WMA, ACC, iPod)	15	•
SOUND ENHANCEMENTS		
Pure Direct		•
Power Transformer: Toroidal / EI	3	• / -
High Grade Audio Components		•
Chassis: Copper plated / Metal	7	• / -
NETWORK		
DLNA Certified	53	•
UPnP Certified	53	•
Network Audio		•
Network static video (JPEG)		•
Network Video		•
Integrated webserver		-
Internet Radio: direct / external media player		- / •
WiFi: integrated / external access point	45	- / •
Ethernet		•
OTHERS		
Auto speaker setup by microphone	16	Audyssey MultEQ
Audyssey Dynamic EQ	17	•
Video conversion	21	CVBS < > S < > Comp > HDMI
Video scaling	20	>1080p
Videoprocessing	24	Anchor Bay
T.B.C. - time base correction		•
Front panel cursor control		•
On Screen Display: GUI / OSD / multiroom OSD		- / • / •
Variable cross over		7
Lip sync control		•
Multiroom zones	44	2
Discrete RC coding (Main- / Multiroom)		• / •
INPUTS/OUTPUTS		
VIDEO		
Composite In / Out		4 / 3
S-Video In / Out		4 / 3
Component In / Out		4 / 2
HDMI In / Out (version x.x)		4 / 2 (1.3a)
HDMI V1.3 Deep Color pass through	29	•
Multi-Room Video Out: Video / S-Video / Component		• / - / •
AUDIO		
Analogue In / Out		6 / 4
Balanced In / Out		2(CD in) / 8
Digital Optical In / Out		3 / 1
Digital Coaxial In / Out		3 / 1
Multi-Room Out: analog / digital	44	2 / -
7.1ch Pre Out / Main In		• / -
7.1 multichannel input		•
OTHER		
Bi-amp drive (5.1 ch setting) / Speaker C		• / •
D.Bus	47	•
IR Receiver In / Emitter Out		1 / 2
IR Flasher In	49	1
RS232C (control / update)	46	• / •
DC Triggers	48	2
SPECIFICATIONS		
Audio Signal to Noise Ratio		105 dB
FM Tuner		•
Component video frequency response		5 Hz to 80 MHz (+-1 dB)
GENERAL		
Available colors: Gold / Silver / Black / Silver-Gold		- / - / • / -
Metal Front Panel		•
System Remote Control		RC2001
Pre-programmed / Learnable / LCD Display		• / • / •
Multiroom remote (included / optional)		RC101 (• / -)
Power Consumption in W		85
Standby Consumption in W (normal / economy mode)	54	1.0 / 0.7
Detachable Power Cable		•
Maximum Dimensions (W x D x H) in mm		440 x 385 x 184.5
Weight in kg		11.6

MAIN AMPLIFIER	GLOSSARY	MM8003
FEATURES		
Channels		8
Current Feedback Topology	2	•
Bi-AMP and Multichannel option		•
Power Transformer: Toroidal / EI	3	• / -
Shottky diodes		•
High Grade Audio Components		•
Customised Components	5	•
Input buffer amp (all inputs / CD only)		• / -
Aluminium extrusion heat sink		•
Copper plated chassis	7	•
Standby Mode		•
INPUTS/OUTPUTS		
Balanced In / Out	13	8 / -
Pre-out / Main-in		- / 8
Gold Plated Cinch		•
Speaker Terminal: Screw / Marantz / WBT		• / - / -
Number of terminals		8
D-Bus	47	•
Remote Power Control (Trigger - in/out)	48	•
Flasher in / IR Receiver in	49	• / -
SPECIFICATIONS		
Power Output (8 / 4 ohm RMS)		140 / 170W (6)
Power Output (8 / 4 ohm DIN)		-
Power Output (8 / 4 Ohm IHF)		-
Bridged Power Output (8 Ohm RMS)		-
Frequency Response		8 Hz - 100 kHz (+-3 dB)
Total Harmonic Distortion		0.03 % (20 Hz - 20 kHz)
Damping Factor		100
Input Sensitivity: High level		1.2 V / 22 K
Input Sensitivity: Balanced High level		2.4 V / 30 K
Signal to Noise Ratio: High level		105 dB
GENERAL		
Available colors: Gold / Silver / Black / Silver-Gold		- / - / • / -
Metal Front Panel		•
Power Consumption in W		880
Standby Consumption in W	54	0.4
Detachable Power Cable		•
Maximum Dimensions (W x D x H) in mm		440 x 384 x 184.5
Weight in kg		17.9

RC2001

AV RECEIVER	GLOSSARY	SR6004	SR5004	NR1501
FEATURES				
DTS HD Master / DTS 5.1 / DTS ES / DTS 96/24	39, 40	• / • / • / •	• / • / • / •	• / • / • / •
Dolby Digital Plus / Dolby TrueHD / Dolby Digital EX / DPL IIx	35, 37	• / • / • / •	• / • / • / •	• / • / • / •
Dolby Prologic IIz	38	•	•	-
Circle Surround II / Neural Surround	41	• / •	• / •	- / -
Virtual Surround / Multichannel Stereo		• / •	• / •	- / -
HT-EQ / Re-EQ	42	• / -	• / -	• / -
Dolby Headphone	36	•	•	-
M-DAX Compressed audio Enhancer	15	•	•	-
SOUND ENHANCEMENTS				
Pure Direct	9	•	•	•
Power Transformer: Toroidal / EI		- / •	- / •	- / •
High Grade Audio Components		•	-	-
Chassis: Copper plated / Metal		- / •	- / •	- / •
OTHERS				
Bluetooth A2DP v1.2 receiver	51	• (RX101)	optional	-
Auto speaker setup by microphone	16, 19	Audyssey MultEQ	Audyssey MultEQ	MRAC
Audyssey Dynamic EQ	17	•	•	-
Adyssey Dynamic Volume	18	•	•	-
Video conversion	21	CVBS < > S < > Comp > HDMI	CVBS < > S < > Comp > HDMI	CVBS > HDMI; Comp > HDMI
Interlace / progressive conversion		•	•	-
Video scaling	20	1080p	1080p	-
Videoprocessing	25	i-Chips	i-Chips	-
T.B.C. - time base correction		•	•	-
On Screen Display: GUI / OSD / multiroom OSD		• / - / -	• / - / -	- / • / -
Variable cross over		8	8	•
Lip sync control		•	•	•
Multiroom zones	44	•	•	-
Discrete RC coding (Main- / Multiroom)		• / •	• / •	-
INPUTS/OUTPUTS				
VIDEO				
Composite In / Out		4 / 2	4 / 2	3 / 2
Component In / Out		3 / 1	3 / 1	3 / 1
HDMI In / Out (version x.x)		4 / 2	3 / 1	4 / 1
HDMI V1.3 Deep Color pass through	29	•	•	•
Multi-Room Video Out: Video / S-Video / Component	44	- / - / •	- / - / -	- / - / -
AUDIO				
Analogue In / out		6 / 2	6 / 2	5 / 1
Digital Optical In / Out		3 / 1	2 / 1	2 / 0
Digital Coaxial In / Out		2 / 0	2 / 0	1 / 0
Multi-Room Out: analog / digital	44	1 / 1	1 / 1	- / -
7.1ch Pre Out / Main In		• / -	• / -	- / -
7.1 multichannel input		•	•	-
OTHER				
M-XPort	50	•	•	-
Speaker Terminal: Gold plated screw / regular screw		- / •	- / •	- / 5x
Number of terminals		9	9	7
Speaker A/B		•	•	-
Height speaker terminal		Speaker B or Heigth	Speaker B or Heigth	-
Bi-amp drive (5.1 ch setting) / Speaker C		• / •	• / •	-
Multi-Room Speaker Terminal		•	•	-
D.Bus	47	•	•	•
IR Flasher In	49	•	•	-
RS232C (control / update)	46	• / •	• / •	-
DC Triggers	48	1	1	-
Front Inputs: Audio / Composite / S-Video / Digital (Opt) / HDMI		• / • / • / • / -	• / • / • / • / -	• / - / - / - / -
USB Audio (MP3,AAC,WMA,WAV) / Made for iPod	14	• / •	- / -	-/-
SPECIFICATIONS				
Power Output (8 / 6 ohm RMS) (20 Hz - 20 kHz 0.08%)		110 / 130 W	100 / 120 W	50 / 60 W
70% Guarantee	1	•	•	-
Audio Signal to Noise Ratio		105 dB	105 dB	100 dB
FM Tuner		•	•	•
Component video frequency response		5 Hz to 80 MHz (-1 dB)	5 Hz to 80 MHz (-1 dB)	5 Hz to 80 MHz (-1 dB)
GENERAL				
Available colors: Gold / Silver / Black / Silver-Gold		- / - / • / •	- / - / • / •	- / - / • / •
Metal Front Panel		•	•	•
System Remote Control		RC007SR	RC008SR	RC006SR
Pre-programmed / Learnable / LCD Display		• / • / •	• / • / -	•/ - / -
Power Consumption in W		600	600	250
Standby Consumption in W (normal / economy mode)	54	0.7 / 0.4	0.7 / 0.4	0.5 / 0.5
Detachable Power Cable		•	•	•
Maximum Dimensions (W x D x H) in mm		440 x 388 x 160	440 x 388 x 160	440 x 367 x 105
Weight in kg		13.2	13.1	8.6

RC007SR

RC006SR

TECHNICAL DATA

DVD BD PLAYER	GLOSSARY	UD9004	UD8004	BD7004	BD5004	DV4003
FEATURES						
Compatibility: CD / SACD / DVD / Blu-Ray	11, 27	• / • / • / •	• / • / • / •	• / - / • / •	• / - / • / •	• / - / • / -
Blu-ray Disc Profile	28	2.0	2.0	2.0	2.0	-
True 24 Frames Per Second (FPS)	30	•	•	•	•	-
Video Scaling on HDMI: up to 1080p	20	•	•	•	•	•
HDMI video adjustments		•	•	•	•	-
CD-ripping to USB		-	-	-	-	•
Compressed Audio Compatibility: WMA / MP3		• / •	• / •	• / •	• / •	• / •
Multi Language OSD		•	•	•	•	•
MULTICHANNEL/SURROUND						
Decoder: Dolby Digital Plus / Dolby TrueHD / DTS HD	35, 39	• / • / •	• / • / •	• / • / •	- / - / -	- / - / -
Decoder: DD / DTS / DTS96/24 / SACD		• / • / • / •	• / • / - / •	• / • / - / -	• / • / - / -	• / - / - / -
Multi Channel Down Mix: DD / DTS / SA-CD		• / • / •	• / • / •	• / • / -	• / • / -	• / - / -
AUDIO/VIDEO ENHANCEMENTS						
CD Compatibility: CD / CD-R/RW / HDCD / SA-CD	11	• / • / • / •	• / • / • / •	• / • / CD / CD	• / • / CD / CD	• / • / CD / CD
DVD Compatibility: DVD-V / DVD-A / DVD-R / DVD-RW (video) / DVD+R/RW		• / • / • / • / •	• / • / • / • / -	• / - / • / • / -	• / - / • / • / -	• / - / • / • / •
AVCHD / DivX HD / DivX6 / DivX Ultra		• / - / • / -	• / - / • / -	• / • / - / -	• / • / - / -	- / - / - / •
MP3 / WMA from: CD / DVD / USB		• / • / -	• / • / -	• / • / -	• / • / -	• / - / •
Image Disc Compatibility: JPEG / JPEG HD / Picture CD	33	• / • / •	• / • / •	• / • / •	• / • / •	• / • / •
HDAM version	4	HDAM + SA2	HDAM-SA2	-	-	-
Audio exclusive mode	9	•	•	•	•	-
Dedicated High Grade Audio Power Supply		•	•	-	-	-
Power Transformer: Toroidal / EI	3	• / -	- / •	- / -	- / -	- / -
High Grade Audio Components		•	•	•	•	-
Customised Components	5	•	•	-	-	-
Copper Plated Chassis	7	•	-	-	-	-
Double Layer Bottom Plate		•	•	-	-	-
Additional top cover sheet		•	-	•	-	-
Bass-Management (SA-CD / DVD-A)		•	•	-	-	-
Gold Plated Cinch		•	•	•	-	-
INPUTS/OUTPUTS						
VIDEO						
Composite / S-Video / Component		• / • / •	• / • / •	• / - / •	• / - / •	• / • / •
Scart (RGB)		-	-	-	-	•
HDMI (version x.x)	23	1.3a (2x)	1.3a	1.3a	1.3a	1.0
AUDIO						
Analogue Out: 2ch / 5.1ch / 7.1ch (Cinch)		• / • / •	• / • / •	• / • / •	• / - / -	• / - / -
XLR analogue out (L / R)	13	•	-	-	-	-
Digital Out: Coax / Opt.		• / •	• / •	• / -	• / -	• / -
OTHER						
SD Card reader	31	•	•	•	•	-
USB	14	-	-	-	-	•
Ethernet		•	•	•	•	-
Flasher IN / OUT	49	• / •	• / •	• / •	• / •	-
RS232C	46	•	•	•	-	-
SPECIFICATIONS						
D/A convertion (video)		297 MHz / 14-bit	297 MHz / 12-bit	297 MHz / 12-bit	150 MHz / 12-bit	148 MHz / 12-bit
D/A converter chip (video)		ADV7344	ADV7340	ADV7340	MN2WS006DFF	MT1389S
D/A convertion (audio)		192 kHz / 32-bit	192kHz / 24-bit	192kHz / 24-bit	192 kHz / 24-bit	192 kHz / 24-bit
D/A converter chip (audio)		AK4399	PCM1796	PCM1782	PCM1782	MT1389S
Video processing	24, 26	Realta optix HQV	ABT2010	ABT1030	MN2WS006DFF	MT1389S
Frequency response BD (linear PCM)						
48 kHz sampling		2 Hz to 22 kHz	4 Hz to 22 kHz	4 Hz to 22 kHz	4 Hz to 22 kHz	-
96 kHz sampling		2 Hz to 44 kHz	4 Hz to 44 kHz	4 Hz to 44 kHz	4 Hz to 44 kHz	-
192 kHz sampling		2 Hz to 88 kHz	4 Hz to 88 kHz	4 Hz to 88 kHz	4 Hz to 88 kHz	-
Frequency response DVD (linear PCM)						
48 kHz sampling		2 Hz to 22 kHz	4 Hz to 22 kHz	4 Hz to 22 kHz	4 Hz to 22 kHz	4 Hz to 22 kHz
96 kHz sampling		2 Hz to 44 kHz	4 Hz to 44 kHz	4 Hz to 44 kHz	4 Hz to 44 kHz	4 Hz to 44 kHz
Frequency response CD (linear PCM)		2 Hz to 20 kHz	4 Hz to 20 kHz	4 Hz to 20 kHz	4 Hz to 20 kHz	4 Hz to 20 kHz
Frequency response (SACD, DVD-A)		2 Hz - 100 kHz (SA-CD)	2 Hz-100 kHz (SA-CD)	-	-	-
Signal to Noise Ratio		125 dB	TBC	115 dB	115 dB	110 dB
Dynamic Range: CD / DVD		110 dB	TBC	100 dB	100 dB	100 dB
Total Harmonic Distortion (THD)		0.0008 %	TBC	0,004%	0.004 % (1 kHz)	0.003 % (1 kHz)
GENERAL						
Available colors: Gold / Silver / Black / Silver-Gold		- / - / • / -	- / - / • / -	- / - / • / •	- / - / • / •	- / - / • / •
Metal Front Panel		•	•	•	•	•
Remote Control		RC003UD	•	RC006BD	RC006BD	RC001DV
Power Consumption in W	54	88	60	30	30	9
Standby Consumption in W		0.3	0.5	0.45	0.3	0.6
Detachable Power Cable		•	•	•	•	•
Maximum Dimensions (W x D x H) in mm		440 x 409 x 164	440 x 390 x 124	440 x 324 x 105	440 x 324 x 105	440 x 318 x 59
Weight in kg		19.2	TBC	4.9	4.3	4.0

AV8003

UD9004

MM8003

BD7004

SR6004

BD5004

SR5004

DV4003

NR1501

TECHNICAL DATA

INTEGRATED AMPLIFIER	GLOSSARY	PM8003	PM7003	PM6003	PM5003
FEATURES					
Channels		2	2	2	2
Current Feedback Topology	2	•	•	•	•
Linear Drive Power Supply		•	•	•	•
CCNE		•	•	-	-
Power Transformer: Toroidal / EI	3	• / -	- / •	• / -	- / •
Shottky diodes		•	•	•	-
HDAM version	4	CF	CF	CF	CF
High Grade Audio Components		•	•	•	-
Customised Components	5	•	•	•	•
Phono EQ: Standard / Current Feedback / Constant Current Feedback		- / • / -	• / - / -	• / - / -	• / - / -
Input buffer amp (all inputs / CD only)		- / •	- / •	• / -	- / -
Symmetric PCB Layout	6	•	•	-	-
Aluminium extrusion heat sink		•	•	•	-
Separate Solid Heat Sinks		-	-	-	-
System block shielding: copper / metal / none		- / - / •	- / - / •	- / - / •	- / - / •
Copper plated chassis	7	•	-	-	-
Double layer bottom plate		•	-	-	-
Balance / Bass / Treble / Loudness		• / • / • / -	• / • / • / -	• / • / • / •	• / • / • / •
Source Direct	9	•	•	•	•
Power Amp direct	10	•	•	-	-
Standby Mode		•	•	•	•
INPUTS/OUTPUTS					
Audio Inputs		6	6	6	6
Phono Input: MM / MC		• / -	• / -	• / -	• / -
Audio Outputs		2	2	2	2
Balanced In / Out	13	- / -	- / -	- / -	- / -
Pre-out / Main-in		• / -	• / -	- / -	- / -
Gold Plated Cinch		•	CD	•	-
Speaker A/B		•	•	•	•
Speaker Terminal: Screw / Marantz / WBT		- / • / -	• / - / -	• / - / -	• / - / -
Number of terminals		4	4	4	4
D-Bus	47	•	•	•	•
Headphone Out		•	•	•	•
I-Pod input (direct / docking station)		- / •	- / •	- / •	- / •
SPECIFICATIONS					
Power Output (8 / 4 ohm RMS)		70 / 100 W	70 / 100 W	45 / 60 W	40 / 55 W
Power Output (8 / 4 ohm DIN)		80 / 120 W	80 / 120 W	50 / 65 W	45 / 60 W
Power Output (8 / 4 ohm IHF)		-	-	60 / 85 W	55 / 80 W
Bridged Power Output (8 Ohm RMS)		-	-	-	-
Frequency Response		10 Hz - 80 kHz (+0, -1 dB)	10 Hz - 80 kHz (+0, -1 dB)	10 Hz - 70 kHz (+0, -1 dB)	10 Hz - 50 kHz (+0, -1dB)
Total Harmonic Distortion		0.0001 %	0.0001 %	0.08 %	0.01 %
Damping Factor		100	100	100	100
Input Sensitivity: MM		2 mV / 47 kohm	2 mV / 47 kohm	2.2 mV / 47 kohm	2.2 mV / 47 kohm
Input Sensitivity: MC		-	-	-	-
Signal to Noise Ratio: MM / MC		87 / - dB	85 / - dB	84 / - dB	83 / - dB
Input Sensitivity: High level		200 mV / 20 kohm	200 mV / 20 kohm	200 mV / 20 kohm	200mV / 20 kohm
Input Sensitivity: Balanced High level		-	-	-	-
Signal to Noise Ratio: High level		90 dB	88 dB	87 dB	87 dB
GENERAL					
Available colors: Gold / Silver / Black / Silver-Gold		- / - / • / •	- / - / • / •	- / - / • / •	- / - / • / •
Metal Front Panel		•	•	•	•
Power Consumption in W	54	200	200	150	110
Standby Consumption in W		0.3	0.3	0.4	0.4
Detachable Power Cable		•	•	•	•
Remote Control		RC003PM	RC003PM	RC003PM	RC003PM
System Remote Function		•	•	•	•
Maximum Dimensions (W x D x H) in mm		440 x 364 x 123	440 x 364 x 123	440 x 366 x 105	440 x 369 x 105
Weight in kg		11.0	10.5	7.5	6.7

RC003PM

TECHNICAL DATA

SACD + CD PLAYER	GLOSSARY	SA8003	SA7003	CD6003	CD5003
FEATURES					
CD Compatibility: CD / CD-R/RW / SA-CD / WMA / MP3 / AAC		• / • / • / • / • / -	• / • / • / • / • / -	• / • / - / • / • / •	• / • / - / • / • / -
SA-CD compatibility: Multichannel / stereo	11	- / •	- / •	- / -	- / -
CD-Text / SA-CD Text / ID3 Tag / WMA Meta Tag / AAC Meta data		- / - / • / • / -	- / - / • / • / -	• / - / • / • / •	• / - / • / • / -
High Grade Audio Components		•	•	•	•
Customized Components	5	•	•	•	-
Symmetric circuit layout	6	•	•	•	•
System block shielding: Copper / metal / none		- / - / -	- / - / -	- / - / •	- / - / -
Power Transformer: Toroidal / EI	3	• / -	- / •	- / •	- / •
HDAM version	4	SA2	SA2	SA+SA2	SA2
Shottky diodes		•	•	•	-
Zero Impedance Matching joint (copper)	8	•	-	-	-
Separated rectifier circuit for analogue and digital circuitry		•	•	•	•
Digital out off / Audio EX Mode	9	• / -	• / -	• / •	• / •
Display: Dimmer / Off		• / •	• / •	• / •	- / •
Headphone: Standard / Buffer / Current feedback		- / • / -	- / • / -	- / •(OP amp + Buffer) / -	- / • / -
Copper plated chassis	7	•	-	-	-
Extra metal plate for chassis strengthing		•	-	•	-
PLAYBACK					
Program Play		24	24	•(CD only)	30
Auto Music Scan (AMS)		•	•	•	•
Repeat: track / program / A-B / All / Folder / All Disc(for Changer)		• / - / - / - / - / -	• / - / - / - / - / -	• / •(CD) / •(CD only) / • / • / -	• / • / • / - / - / -
Random Play		•	•	•	•
Peak Search		-	-	-	•
Edit Recording		-	-	-	•
Pitch Control		-	-	•(CD only)	•
Start Sound Mode for SA-CD		•	•	-	-
Quick Replay		-	-	•(CD only)	•
INPUTS/OUTPUTS					
Analogue Out (Cinch)		2ch	2ch	2ch	2ch
Balanced Out		-	-	-	-
Digital Optical Out		1	1	1	1
Digital Coaxial Out		1	1	1	1
Gold plated Cinch		•	•	•	•
iPod compatible USB	14, 52	•	-	•	-
D-Bus	47	•	•	•	•
Headphone Out		•	•	•	•
Headphone Volume Control		•	•	•	•
SPECIFICATIONS					
Mechanism	12	XYRON	XYRON	DV11VF	DV11VF
Decoder		MT1389EE	MT1389EE	TC94A70FG	TC94A70FG
D/A Conversion		Multi-bit, Delta-Sigma	Multi-bit, Delta-Sigma	Multi-bit, Delta-Sigma	Multi-bit, Delta-Sigma
DAC IC		CS4398	CS4398	CS4398	CS4392
Digital Filter		CS4398	CS4398	CS4398	CS4392
Noise Shaper		CS4398	CS4398	-	CS4392
Low Pass Filter stage		HDAM-SA2	HDAM-SA2	HDAM SA+SA2	HDAM-SA2
Output Buffer		HDAM-SA2	HDAM-SA2	HDAM-SA2	HDAM-SA2
Headphone amp		NJM2114	NJM4560	NJM4560	NJM2068
SA-CD AUDIO					
Frequency Response (Cust.)		2 - 100 kHz	2 - 100 kHz	-	-
Dynamic Range (SA)		112	112	-	-
Signal to Noise Ratio (SA)		110	110	-	-
Total Harmonic Distortion (SA)		0,002%	0,002%	-	-
Channel Separation (SA)		110	110	-	-
CDDA AUDIO					
Frequency Response		2 - 20 kHz	2 - 20 kHz	2 Hz - 20 kHz	20 Hz - 20 kHz
Dynamic Range		100 dB	100 dB	100 dB	100 dB
Signal to Noise Ratio		110 dB	110 dB	110 dB	110 dB
Total Harmonic Distortion		0.002 %	0.002 %	0.002 %	0.002 %
Channel Separation		110	110	110dB	110
GENERAL					
Available colors: Gold / Silver / Black / Silver-Gold		- / - / • / •	- / - / • / •	- / - / • / •	- / - / • / •
Metal Front Panel		•	•	•	•
Remote Control		RC002SA	RC002SA	RC002CD	RC002CD
Power Consumption in W	54	25	25	19	14
Standby Consumption in W		0.5	0.5	0.3	0.4
Detachable Power Cable		•	•	•	•
Maximum Dimensions (W x D x H) in mm		440 x 343.5 x 108.5	440 x 339.5 x 107	440 x 339 x 106	440 x 339.5 x 104.5
Weight in kg		7.8	5.9	7.0	5.1

RC002SA

TECHNICAL DATA

TUNER	GLOSSARY	ST6003
FEATURES		
DAB / DAB+ / DMB-A / FM / MW		- / - / - / • / •
Internet radio acceess		-
vTuner		-
Audio streaming from PC		-
UPnP / DLNA		- / -
High grade components		•
Presets		50 (FM / AM)
Auto Tuning		•
RDS: PTY / PS / RT		• / • / •
Sleep / Timer		• / -
Display dimmer (via external RC)		•
Triple IR-code		•
DAB FEATURES		
DRC		-
Digital filter		-
D/A Converter		-
IN/OUTPUTS		
Analogue Out		1
DAB terminal (1F)		-
FM Antenna		1
AM Antenna		1
Digital Outputs: Coaxial / Optical		- / -
Ethernet port		-
D-Bus	47	•
RS232		-
SPECIFICATIONS		
INTERNET / NETWORK		
Format: MP3 / WMA / REAL AUDIO		-
LAN Terminal 10 BASE-T		-
DAB SECTION		
Receiving Range (Band III / Band L)		-
Signal to Noise Ratio DAB (Mono/Stereo)		-
Total Harmonic Distortion DAB		-
Frequency response DAB		-
Stereo Separation DAB		-
TUNER SECTION FM		
Frequency Range		87.5 - 108 MHz
Signal to Noise Ratio (Mono / Stereo)		75 / 70 dB
Total Harmonic Distortion (Mono / Stereo)		0.2 / 0.3 %
Frequency response		50 Hz - 15 kHz (+0.5 / -3 dB)
Channel Selectivity (FM)		60 dB
Usable Sensitivity		IHF 1.8 µV / 16.4 dBf
Stereo Separation		1 kHz, 45 dB (Stereo)
TUNER SECTION AM		
Frequency Range: MW / LW		531 - 1602 / - kHz
Signal to Noise Ratio: MW / LW		50 / - dB
GENERAL		
Available colors: Gold / Silver / Black / Silver-Gold		- / - / • / •
Metal Front Panel		•
Remote Control		via D-Bus
Power Consumption in W	54	9
Standby Consumption in W		0.4
Detachable Power Cable		•
Maximum Dimensions (W x D x H) in mm		440 x 341 x 104.5
Weight in kg		4.1

TURNTABLE	GLOSSARY	TT-42
FEATURES		
Motor: AC / DC		- / •
Drive System: Belt / Direct		• / -
Bearing: Ceramic / Metal		- / •
Operation: Automatic / Manual		• / -
Speed: 33-1/3 & 45 RPM		• / •
Stylus (MM / MC)		• / -
Stylus version		DN251S
Belt: Rubber / Silicon		• / -
SPECIFICATIONS		
Rated Output		4 mV / 1 kHz
Freq. Range		20 Hz - 18 kHz
S/N		65dB
GENERAL		
Available colors: Black / White		• / -
Maximum Dimensions (W x D x H) in mm		420 x 360 x 137
Weight in kg		5.4

STEREO RECEIVER	GLOSSARY	SR5023
AMPLIFIER FEATURES		
Current Feedback Topology		-
Linear Drive Power Supply		•
Power Transformer: Toroidal / EI		- / •
HDAM version		-
Symmetric PCB Layout	6	•
Balance / Bass / Treble / Loudness		- / • / • / -
Source Direct	9	•
Speaker A/B		-
Phono EQ		•
Standby Mode		•
Full dot matrix display		•
Display Off		•
Display dimmer		•
TUNER FEATURES		
TUNER SECTION		
Broadcast bands: FM / MW / LW		• / • / -
Presets		50 (FM / AM)
Auto Tuning		•
RDS: PTY / PS / RT		• / • / •
Station Naming		•
Sleep / Timer		• / -
INPUTS/OUTPUTS		
Audio Inputs		6
Phono Input: MM / MC		• / -
Audio Outputs		1
Pre-out / Main-in		-
Subwoofer out		•
FM Antenna		•
AM Antenna		•
D-Bus In / Out	47	• / •
Gold Plated Cinch		-
Speaker Terminal: Screw / Marantz / WBT		• / - / -
AC Outlets (Not for UK Model)		•
Headphone Out		•
I-Pod input (direct / docking station)		- / •
AUDIO SECTION		
Power Output (8 / 6 ohm RMS)		80 / 100 W
Frequency Response		10 Hz - 50 kHz (+0,-1 dB)
Total Harmonic Distortion		0.03 %
Damping Factor		100
Input Sensitivity: MM		2.5 mV / 47 kohm
Input Sensitivity: MC		-
Signal to Noise Ratio MM / MC		83 / - dB
Input Sensitivity: High level		200 mV / 20 kohm
Signal to Noise Ratio High Level		90 dB
GENERAL		
Available colors: Gold / Silver / Black / Silver-Gold		- / - / • / •
Metal Front Panel		•
Remote Control		RC002SR
System Remote Function		•
Power Consumption in W	54	150
Standby Consumption in W		0.4
Detachable Power Cable		•
Maximum Dimensions (W x D x H) in mm		440 x 367 x 105
Weight in kg		7.8

TECHNICAL DATA

CD CHANGER	GLOSSARY	CC4003
FEATURES		
Disc Capacity		5
CD Compatibility: CD / CD-R/RW / SA-CD / WMA / MP3 / AAC		• / • / - / • / • /-
SA-CD compatibility: Multichannel / stereo		- / -
CD-Text / SA-CD Text / ID3 Tag / WMA Meta Tag / AAC Meta data		- / - / - / - / -
High Grade Audio Components		•
Customized Components		-
Symmetric circuit layout		-
Power Transformer: Toroidal / EI		- / •
HDAM version		-
Shottky diodes		-
Zero Impedance Matching joint (copper)		-
Separated rectifier circuit for analogue and digital circuitry		-
Digital out off / Audio EX Mode		- / -
Display: Dimmer / Off		• / -
Headphone: Standard / Buffer / Current feedback		• / - / -
Copper plated chassis		-
Extra metal plate for chassis strengthing		-
PLAYBACK		
Program Play		50
Auto Music Scan (AMS)		-
Repeat: track / program / A-B / All / Folder / All Disc (for Changer)		• / • / - / • / - / •
Random Play		•
Peak Search		-
Edit Recording		-
Pitch Control		-
Start Sound Mode for SA-CD		-
Quick Replay		-
INPUTS/OUTPUTS		
Analogue Out (Cinch)		2ch
Digital Optical Out		1
Digital Coaxial Out		1
Gold plated Cinch		•
iPod compatible USB		-
D-Bus	47	•
RS-232C	46	•
Headphone Out		•
Headphone Volume Control		•
Flasher In	49	•
SPECIFICATIONS		
Mechanism		DA11VF
Decoder		CDX3059
D/A Conversion		Multi-bit, Delta-Sigma
DAC IC		CS4392
Digital Filter		CS4392
Noise Shaper		-
Low Pass Filter stage		NJM2068
Output Buffer		-
Headphone amp		NJM4556
CDDA AUDIO		
Frequency Response		20 Hz - 20 kHz
Dynamic Range		100 dB
Signal to Noise Ratio		112 dB
Total Harmonic Distortion		0.0027 %
Channel Separation		98 dB
GENERAL		
Available colors: Gold / Silver / Black / Silver-Gold		- / - / • / -
Metal Front Panel		•
Remote Control		RC003CD
Power Consumption in W	54	18
Standby Consumption in W		<0.5
Detachable Power Cable		•
Maximum Dimensions (W x D x H) in mm		440 x 404 x 114
Weight in kg		7.0

CD RECEIVER	GLOSSARY	M-CR502	M-CR502 DAB
FEATURES			
CD Compatibility: CD / CD-R/RW / WMA / MP3		• / • / • / • / •	• / • / • / • / •
Broadcast bands: DAB / FM / MW / LW		- / • / • / -	• / • / • / -
Auto Tuning		•	•
Presets		30FM / 20AM	30FM/20AM /99DAB
RDS: PTY / PS / RT		• / • / •	• / • / •
Tone Control: Bass / Treble / Balance		• / • / •	• / • / •
Clock		•	•
Sleep Timer		•	•
Programmable Timer: Once / Daily / Weekday		• / - / -	• / - / -
INPUTS/OUTPUTS			
AUDIO			
Analogue In / out		2 / 1	2 / 1
Digital Optical In / Out		- / -	- / -
OTHER			
AUX-input (Front)		1	1
USB	14	•	•
Subwoofer PreOut		•	•
Speaker Terminal: click fit / Screw		- / •	- / •
Headphone Out		•	•
I-Pod input (direct / docking station)		- / •	- / •
Bi-amping		•	•
Powered multi-room for one extra room		•	•
SPECIFICATIONS			
AUDIO SECTION			
Power Output		50W (6 ohm)	50W (6 ohm)
Number of channels		2	2
Freq. Response (Analogue In)		5 Hz - 22 kHz	5 Hz - 22 kHz
Signal to Noise Ratio (audio)		86 dB	86 dB
Total Harmonic Distortion (audio)		0.05 %	0.05 %
DAB SECTION			
Receiving Range (Band III / Band L)		- / -	• / -
Frequency Range Band III		-	174.928-239.200 MHz
Signal to Noise Ratio		-	95 dB
Total Harmonic Distortion		-	0.025 % (1KHz)
TUNER SECTION FM			
Frequency Range FM		87.5 - 108 MHz	87.5 - 108 MHz
Signal to Noise Ratio (Mono / Stereo) FM		65 / 60 dB	65 / 60 dB
Total Harmonic Distortion (Mono / Stereo) FM		0.8 / 1.0 %	0.8 / 1.0 %
TUNER SECTION AM			
Frequency Range AM		522 - 1620 kHz	522 - 1620 kHz
Signal to Noise Ratio AM		45 dB	45 dB
GENERAL			
Available colors: Gold / Silver / Black / Silver-Gold		- / - / - / •	- / - / - / •
Metal Front Panel		•	•
Remote Control		RC502CR	RC502CR
Power Consumption in W	54	45	45
Standby Consumption in W		0.4	0.4
DAB antenna included		-	•
Maximum Dimensions (W x D x H) in mm		280 x 302 x 111	280 x 302 x 111
Weight in kg		4.2	4.2

TECHNICAL DATA

REMOTE CONTROL	GLOSSARY	RC9001
FEATURES		
Display: Colour / BW		• / -
Screen Type: Touch / Display		• / -
Transmission (IR / RF / WiFi / 2-Way)	45	• / - / • / •
Learnable: IR / RF		• / -
Pre-Programmed (Marantz RC-5)		•
Pre-Programmed (Other brands)		•
Pre-programmed for multiroom control (zones)		-
Pronto Script		•
IP control		•
Direct Access Buttons		22
Cursor control		•
Programmable Direct Access Buttons		21
Transparent graphics		•
Device menu		•
Macro programming: Macro area / any button		- / •
Contrast Control: analogue / digital		- / •
Label: Device / page		• / •
Assignable: Device action / Jumps		• / •
Adjustable font size		•
Backlight Screen: White / Blue		• / -
PC Editing Program		Wizz.it EX
PC Connection (USB)		•
Clock / date indication		• / •
24h Timer		-
Sleep Timer		-
Motion Sensor		•
Universal DB		•
RF Receiver (included / optional)		- / •
SPECIFICATIONS		
LCD Screen Size (W x H)		74 x 56 mm
Resolution		640 x 480
Number of Colours		65536
Memory Size		64 MB
IR Operating Distance		5 m
IR Angle		+- 45°
IR Carrier frequency		17 kHz - 1 MHz
RF Carrier Frequency		2.4 GHz (802.11 b/g)
Number of Commands per Macro		10000
ACCESSORIES		
Recharging: Dock Station / Power adaptor		• / -
Cable for PC Connection: USB		•
Rechargeable battery / Normal battery		Li Polymer / -
GENERAL		
Colour: Silver / Black		• / -
Dimensions (W x H x L) in mm		166 x 100 x 32
Weight (With Batteries) in g		320

IPOD DOCKING	GLOSSARY	IS301
FEATURES		
iPod compatibility: iPod / iPod Classic / iTouch / iPod Nano / iPod Mini	52	4th G and up / • / • / • / •
Synchronizing with iTunes		•
iPod charging		•
Wireless audio streaming via Bluetooth		•
Wired video streaming via CAT-5		•
Bluetooth version	51	v2.1 + EDR
Bluetooth protocol audio signal		A2DP
Bluetooth protocol control signal		AVRCP
Bluetooth operation distance (in meters)		10
Wallmountable		•
CONNECTIVITY		
VIDEO		
Composite out		•
S-Video out		•
Component out		•
AUDIO		
Analogue out		•
OTHER		
USB		•
RS-232c	46	•
Marantz D-bus	47	•
Built-in IR receiver	49	•
GENERAL		
Available colors: Silver/Black		•
Remote Control		RC001IS
Power Consumption (Handheld)		5 V / 40 mA
Power Consumption with battery charging (base dock)		8 V / 680 mA
Power Consumption (Extender)		8 V / 60 mA
Standby Consumption in W		-
Maximum Dimensions Handheld (W x D x H) in mm		67 x 30 x 150
Maximum Dimensions Base Dock (W x D x H) in mm		123 x 49 x 123
Maximum Dimensions Extender (W x D x H) in mm		191 x 60 x 36
Weight Handheld in g		68
Weight Base Dock in g		230
Weight Extender in g		230

IS301RX

REMOTE EXTENDER	GLOSSARY	RX8001	RX9001
FEATURES			
System Control via CAT5 / Wireless		• / • (RC9001)	• / -
Customization via Webserver		•	•
Network mode		DHCP, Fixed IP	DHCP, Fixed IP
Addressable IR Emitter outputs		4	4
Adjustable IR output level		•	•
IR code range		25 kHz - 1 Mhz	25 kHz - 1 Mhz
RS232 serial interface	46	-	4
Relay outputs		-	4 (max 48 V / 2 A)
DC Output		-	1 (5 V / 0.3 A)
Power sense input		-	4 (4 - 30V)
Status indication		2 LED	19 LED
ACCESSORIES			
AC adaptor		5V DC / 2 A	5V DC / 2 A
Crossover configuration cable		•	•
IR Emitter	49	2x Dual IR	2x Dual IR
Mini-jack IR cable		2	2
Rackmount kit		-	•
GENERAL			
Colour: Black		•	•
Dimensions (W x H x L) in mm		157 x 33 x 100	428 x 46 x 240
Weight in kg		0.18	1.75

RX8001

RX9001

MORE FROM MARANTZ

marantz

MARANTZ CATALOGUE PREMIUM RANGE

Only the highest quality products will find their way in the Marantz Premium Range. It's a collection of exquisite audiophile components designed, developed and manufactured to give you the ultimate in listening pleasure. Enjoy!

Please visit our website, for your nearest authorized dealer and/or distributor address

www.marantz.com

Availability of models may vary from country to country. Marantz reserves the right to change the design and specification due to a policy of continuous product improvements without notice.

• "Dolby", "Pro Logic", "Pro Logic IIz", "Surround EX", "Digital Plus", "TrueHD" and the double-D symbol are trademarks of Dolby Laboratories • THX, Re-EQ and Ultra 2 are trademarks or registered trademarks of THX Ltd. Used under authorization. All rights reserved. • "DTS", "DTS-HD", "DTS-HD Master Audio", "DTS Digital Surround", "DTS Digital Out", "DTS-ES", "DTS 96/24", and "Neo:6"are trademarks of DTS, Inc. • Microsoft, HDCD, and the HDCD logo are trademarks, or registered trademarks of Microsoft Corporation. • iPod is a registered trademark of Apple, Inc. • Audyssey MultEQ, Dynamic Volume and Dynamic EQ are a registered trademark of Audyssey Laboratories, Inc. • HQV™ is a trademark of Silicon Optix Inc. • VRS™ and Video Reference Series™ are trademarks of Anchor Bay Technologies • QDEO™ is a trademark of Marvell Technology Group Ltd. • "HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC." • Super Audio CD®, SA-CD® and the SA-CD logo® are registered trademarks of Royal Philips Electronics NV and Sony Corporation. • Blu-ray Disc™, BD-Live and the Blu-ray Disc logo are trademarks of the Blu-ray Disc Association. All Rights Reserved. • Direct Stream Digital and DSD logo are trademarks of the Sony Corporation. • Inc. DivX® is a registered trademark of DivX Networks. • Xyron™ is a trademark of Asahi Kasei Plastics North America, Inc. • The "Wi-Fi CERTIFIED" logo is a certification mark of the Wi-Fi Alliance • UPnP™ is a trademark of the UPnP Implementers Corporation • DLNA Certified is a trademark of the Digital Living Network Alliance • Bluetooth® and the Bluetooth logo are a trademark of Bluetooth SIG, Inc. •

All other trademarks and registered trademarks are property of their respective owners.

Warranty for Marantz products: Premium Series 36 months, except universal remote controls and iPod docking stations.
All other models: 24 months.

EUROPEAN HEAD OFFICE
P.O. BOX 8744
5605 LS EINDHOVEN
THE NETHERLANDS

GLOBAL / ASIA HEAD OFFICE
2-1 NISSHIN-CHO
KAWASAKI-KU, KAWASAKI-CHI
KANAGAWA 210-8569
JAPAN

US HEAD OFFICE
100 CORPORATE DRIVE
MAHWAH NJ, 07430
U.S.A.

marantz®

www.marantz.com